

# CyCMV/CMV Cytomegalovirus Glycoprotein B (Fc Tag)



Catalog Number: 500246

## General Information

### Protein Construction

A DNA sequence encoding the macaca fascicularis cytomegalovirus (CyCMV)(strain OT-1) glycoprotein B(gB) (ADV35145.1) (Met1-Asp680, with cleavage site mutated 'RHKR' to 'TTQT') was expressed with the Fc region of human IgG1 at the C-terminus.

### Organism

CyCMV

### Expression Host

Human Cells

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE.

### Endotoxin

< 1.0 EU per  $\mu$ g protein as determined by the LAL method.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Ala 20

### Molecular Mass

The recombinant macaca fascicularis cytomegalovirus (CyCMV)(strain OT-1) glycoprotein B(gB) consists 899 amino acids and predicts a molecular mass of 102.5 kDa.

### Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

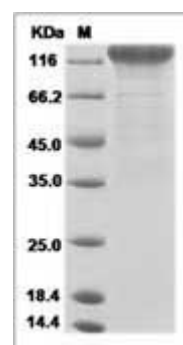
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Macaca fascicularis Cytomegalovirus (CMV) (strain OT-1) glycoprotein B / GB Protein (Fc Tag)